MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

February 1949

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

FABRUARY 1949

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.4	59.9	61.0	60.4	14.4	9.3	9.4	13.3	9.9	10.9
2	61.9	61.2	64.2	62.4	15.1	9.3	10.8	14.3	10.2	11.8
3	63.8	62.5	63.3	63.2	18.7	11.2	13.2	17.7	15.5	15.5
4	62.7	59.1	57.9	59.9	17.5	12.7	14.0	17.2	14.3	15.2
5	57.3	55.2	54.2	55.6	15.4	7.8	14.4	13.8	10.0	12.7
6	58.5	57.5	59.1	58.4	13.6	9.3	10.4	12.2	12.0	11.5
7	57.7	54.2	53.4	55.1	10.9	4.4	9.4	8.2	8.4	8.5
8	57.0	58.5	63.9	59.8	7.1	1.7	4.3	6.2	3.9	4.8
9	67.9	67.9	69.4	68.4	8.8	3.3	3.3	7.7	5.8	5.6
10	68.2	66.2	66.4	66.9	11.5	6.8	8.9	11.6	7.3	9.3
11	67.5	66.3	66.3	66.7	15.5	9.9	10.2	15.3	11.1	12.2
12	64.5	63.2	63.3	63.7	15.0	11.1	13.2	13.8	12.7	13.2
13	62.9	62.5	63.3	62.9	16.8	11.7	14.4	16.3	14.2	15.0
14	63.0	63.8	65.0	63.9	16.0	10.9	13.8	15.3	13.3	14.1
15	64.3	61.8	62.2	62.8	14.6	6.3	13.8	12.0	8.3	11.4
16	66.4	65.8	66.7	66.3	11.1	6.8	8.3	10.1	8.7	9.0
17	65.3	64.7	65.2	65.1	14.2	7.7	11.0	12.8	10.7	11.5
18	65.5	66.0	68.3	66.6	12.5	6.3	11.1	11.6	9.9	10.9
19	71.2	71.0	71.2	71.1	13.2	8.0	10.3	12.6	8.8	10.6
20	70.7	68.9	69.4	69.7	15.0	9.6	11.6	14.4	11.1	12.4
21	67.7	65.6	65.3	66.2	17.0	10.4	13.3	16.1	12.1	13.8
22	64.2	62.7	62.4	63.1	17.8	10.7	14.4	16.0	12.9	14.4
23	62.3	61.4	62.0	61.9	17.4	11.7	14.8	16.9	12.3	14.7
24	62.4	61.8	61.7	62.0	16.8	8.7	14.3	15.6	11.6	13.8
25	59.3	58.3	59.8	59.1	14.3	8.4	11.2	12.9	8.9	11.0
26	59.1	58.6	59.6	59.1	15.9	5.6	12.4	14.0	11.6	12.7
27	58.7	60.2	62.2	60.4	12.0	4.4	5.9	7.8	8.9	7.5
28	66.6	66.6	67.5	66.9	14.8	9.4	10.5	14.2	9.9	11.5
29										
30										
31										
	63.46	62.55	63.37	63.12	14.39	8.33	11.17	13.21	10.51	11.63

Barometer, range for month 771.2 — 754.2 mm.

„ 71-yr. average for month 761.982 mm.

Thermometer, range for month 18.7°C — 1.7°C

„ 71-yr. average for month 14.29°C.

Rain, total for month 231.38 mm.

„ 71-yrs. average for month 157.75 mm.

„ Tolal, Sept. 1st. to end of month 967.47 mm.

„ 71-yr. average, Sept. 1st. to end of month 722.30 mm.

FEBRUARY 1949

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	11.8	12.2	11.8	11.9	98	80	97	92	7.6	745.0	8.38
2	12.3	13.4	12.3	12.7	96	82	100	93	0.8	631.0	32.77
3	10.5	14.0	13.5	12.7	70	69	77	72	6.5	232.0	7.11
4	13.6	15.5	12.9	14.0	85	79	78	81	6.5	515.0	
5	12.5	11.7	12.3	12.2	75	73	100	83	5.1	1353.0	11.68
6	12.7	12.8	12.3	12.6	100	91	88	93	0.5	856.0	11.43
7	11.8	11.0	11.0	11.3	100	100	100	100	0.2	753.0	51.30
8	8.4	7.0	7.3	7.6	100	73	91	88	0.0	838.0	14.23
9	7.8	7.3	7.8	7.6	98	69	84	84	3.3	370.0	8.38
10	8.4	9.0	9.8	9.1	73	65	95	78	0.2	370.0	3.05
11	10.1	13.7	11.1	11.6	83	79	83	82	5.8	452.0	0.25
12	11.4	15.2	14.3	13.6	75	95	97	89	0.2	649.0	8.89
13	14.4	15.4	13.8	14.5	88	84	85	86	2.1	797.0	6.86
14	15.4	14.0	11.4	13.6	96	80	75	84	1.4	428.0	12.44
15	12.4	11.9	9.4	11.2	77	84	86	82	2.0	395.0	5.84
16	8.5	8.5	8.1	8.4	77	69	72	73	6.8	492.0	0.25
17	9.6	10.0	10.5	10.0	74	69	82	75	9.0	484.0	
18	9.3	9.2	8.0	8.8	70	65	65	67	10.4	789.0	0.25
19	7.5	8.7	8.2	8.1	61	60	72	64	10.5	204.0	
20	10.1	13.0	11.8	11.6	71	79	89	80	10.5	143.0	
21	12.4	14.9	13.3	13.5	81	81	93	85	10.0	140.0	
22	11.5	13.1	12.1	12.2	70	71	82	74	10.6	235.0	
23	13.5	16.3	13.3	14.4	79	85	86	83	7.3	402.0	
24	13.4	13.5	13.7	13.5	83	77	100	87	3.2	314.0	2.03
25	12.3	11.5	11.4	11.7	93	78	100	90	6.0	225.0	12.45
26	11.9	12.6	10.9	11.8	84	79	78	80	4.5	589.0	1.53
27	9.0	8.9	5.4	7.8	97	83	48	76	2.7	740.0	32.26
28	11.4	7.2	8.4	9.0	91	46	68	68	10.1	307.0	
29											
30											
31											
	11.21	11.83	10.93	11.32	83.8	76.6	84.7	81.7	5.14	551.71	8.26

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

FEBRUARY 1949
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	9cu-ci	9cu-ni	10cu-ni	9.3	1se	2sw	2sw	slight	
2	10ni	9cu-ni	10ni	9.7	2sw	4sw	2sw	mod.	
3	5cu	7cu-ci	0	4.0	2s	1e	1se	light	
4	6cu	7cu	5cu	6.0	1s	2w	1w	slight	
5	5cu	8cu	9ni	7.3	3sw	5sw	3sw	rough	Tr., a.m. ;w. ; T.
6	10cu-ni	10cu-ni	10cu-ni	10.0	7w	7w	3w	rough	W.
7	10-ni	10ni	10cu-ni	10.0	0	1s	4ne	mod.	Th. , noon
8	10ni	10cu-ni	10ni	10.0	1ne	5nw	4nw	rough	Snow, a.m. ; p.m.
9	6cu-ni	10cu	8cu	9.0	1se	1nw	1nw	mod	
10	7cu	10ni	8cu	8.3	1se	2w	1sw	light	
11	10cu-st	5cu	3cu-ci	6.0	1se	1sw	0	light	
12	10st	10cu-ni	9cu-ni	9.7	1s	2sw	2sw	slight	Tr. , a.m.
13	9cu	8cu	3cu-ci	6.7	2sw	3sw	2sw	,,	
14	9cu-ni	9cu	4cuci	7.3	2sw	2s	2s	,,	Tr. ,p.m
15	7cu-ci	9cu-ni	7cu	7.7	2sw	5n	7ne	mod.	
16	8cu-ni	3cu	2cu	4.3	2ne	3n	2n	mod.	
17	7cu	1cu	7cu	5.0	1se	3ne	2n	,,	Tr. p.m.
18	3cu-ci	2cu-ci	0	1.7	4ne	6ne	2ne	,,	W.
19	0	0	0	0.0	0	2ne	0	slight	
20	0	0	0	0.0	1e	2ne	0	light	
21	0	0	0	0.0	1sw	1sw	0	calm	
22	0	3ci	0	1.0	1s	1ne	0	light	
23	0	1cu	6cu-ci	2.3	2sw	2w	1sw	,,	
24	10cu	10cu	10cu-ni	7.0	3w	2sw	1sw	slig ht	
25	8cu	8cu	2cu	6.0	1se	2nw	0	light	
26	4cu	4cu	8cu-st	5.3	2sw	2sw	1sw	slight	W. ; Hail ; T. ,
27	9cu-ni	9cu	7cu	8.3	3nw	2e	2ne	rough	at night.
28	0	0	0	0.0	1se	2nw	1nw	slight	
29									
30									
31									
				5.78					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	3	1	7	4	8	2	1	2	28
14:30	2	5	2	0	2	9	4	4	0	28
20:30	2	4	0	1	1	9	2	3	6	28
Total	4	12	3	8	7	26	8	8	8	84

Number of days with rain 20, fog 0, thunderstorms 3, gale 0.

71 yr. av. number of days with rain during month 13.9